

In the Claims:

Claim 1 (currently amended): A control method and an adjustment method for a fibre-web machine, ~~characterised~~ characterized in that voice or noise that is emitting from at least from one section of the fibre web machine is measured continuously and frequency bands (df) and/or combinations of the frequency bands and the corresponding amplitudes thereof, which correlate state and change of different process values, are separated from the received measuring signals (f_m), that the measuring signals are compared with reference signals (f_{ref}), which correlate ideal state or desired state, and that from deviations (f_A) of the measuring signals and reference signal are formed control signals, by means of which the measured process values are returned closer to the ideal state or the desired state.

Claim 2 (currently amended): A control method and an adjustment method, which is in accordance with patent claim 1, ~~characterised~~ characterized in that for resolving the deviation (f_A) and for forming the control signal the measuring signal (f_m) is back fed in control system it.

Claim 3 (currently amended): A control method and an adjustment method, which is in accordance with patent claim 1 and/or 2, ~~characterised~~ characterized in that emitting voice or ~~noise~~ noise is measured by means of a voice sensor (10) from a calendaring machine of the fibre web machine.

Claim 4 (currently amended): A control arrangement and an adjustment arrangement for a fibre web machine, ~~characterised~~ characterized in that a constant measuring of voice or noise has been arranged at least in one section of the fibre web machine, that a measuring signal (f_m),

which correlates state and change of a process value, is in an optional frequency band (df) and/or in an optional combination of frequency bands, and that a control signal is formed by comparing the measuring signal with the reference signal (f_{ref}), which correlates ideal state or desired state, in which case the control signal can be formed by means of deviation of the measuring signals and a reference signal (f_A), by means of which control signal the process value can be returned closer to the ideal state or the desired state.

Claim 5 (currently amended): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 4, ~~characterised~~ characterized in that in order to resolve the deviation (f_A) and to form the control signal the measuring signal (f_m) is back fed in control system.

Claim 6 (currently amended): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 4 and/or 5, ~~characterised~~ characterized in that the provided control signal (f_m) of a function assembly changes stepwise.

Claim 7 (currently amended): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 4 and/or 5, ~~characterised~~ characterized in that the provided control signal (f_m) of a function assembly changes evenly in relation to the time.

Claim 8 (currently amended): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 4 and/or 5, ~~characterised~~ characterized in that the provided control signal (f_m) of a function assembly changes evenly in relation to the time.

Claim 9 (currently amended): A control arrangement and an adjustment arrangement, which is in accordance with ~~any of the patent claims 4—8, claim 4 characterised~~ characterized in that the emitted voice or the noise has been measured from a calendering machine (1) by means of a voice-measuring sensor (10).

Claim 10 (new): A control method and an adjustment method, which is in accordance with patent claim 2, characterized—in that emitting voice or noise is measured by means of a voice sensor from a calendaring machine of the fibre web machine.

Claim 11 (new): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 5, characterized in that the provided control signal (f_m) of a function assembly changes stepwise.

Claim 12 (new): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 5, characterized in that the provided control signal (f_m) of a function assembly changes evenly in relation to the time.

Claim 13 (new): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 5, characterized in that the provided control signal (f_m) of a function assembly changes evenly in relation to the time.

Claim 14 (new): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 5 characterized in that the emitted voice or the noise has been measured from a calendering machine by means of a voice-measuring sensor.

Claim 15 (new): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 6 characterized in that the emitted voice or the noise has been measured from a calendering machine by means of a voice-measuring sensor.

Claim 16 (new) A control arrangement and an adjustment arrangement, which is in accordance with patent claim 7 characterized in that the emitted voice or the noise has been measured from a calendering machine by means of a voice-measuring sensor.

Claim 17 (new): A control arrangement and an adjustment arrangement, which is in accordance with patent claim 8 characterized in that the emitted voice or the noise has been measured from a calendering machine by means of a voice-measuring sensor.